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**TELEFAX****Date:** January 24, 2005**Total pages:** 48 with fax  
cover**To:** USPTO**Telephone:****Telefax:** 703-872-9306**Telephone:** 404-879-2151**Telefax:** 404-879-2160**Our Docket No.** YU 132**Your Docket No.****Client/Matter No:** 078245

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**MESSAGE:****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicant:** Peter M. Glazer**Serial No:** 09/978,333**Art Unit:** 1634**Filed:** October 15, 2001**Examiner:** Carla Myers**For:** *TRIPLE-HELIX FORMING OLIGONUCLEOTIDES FOR TARGETED  
MUTAGENESIS*

{45053980.1}

PTO/SB/21 (09-04)

Approved for use through 07/31/2008, OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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|   |                      |                        |        |
|---|----------------------|------------------------|--------|
| <b>TRANSMITTAL<br/>FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 09/978,333             |        |
|   | Filing Date          | October 15, 2001       |        |
|   | First Named Inventor | Peter M. Glazer        |        |
|   | Art Unit             | 1634                   |        |
|   | Examiner Name        | Carla Myers            |        |
| Total Number of Pages in This Submission  | 17                   | Attorney Docket Number | YU 132 |

| ENCLOSURES (Check all that apply)  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input checked="" type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.62 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Publications |
| Remarks  |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                        |          |        |
|--|------------------------|----------|--------|
| Firm Name                                  | Pabst Patent Group LLP |          |        |
| Signature                                  |                        |          |        |
| Printed name                               | Patrea L. Pabst        |          |        |
| Date                                       | January 24, 2005       | Reg. No. | 31,284 |

| CERTIFICATE OF TRANSMISSION/MAILING   |                 |      |                  |
|---|-----------------|------|------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |                 |      |                  |
| Signature   |                 |      |                  |
| Typed or printed name   | Chandra Russell | Date | January 24, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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YU 132 / 078245-00045

PTO/SB/22 (12-04)

Approved for use through 07/31/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |  |                          |  |
|--|--|--------------------------|--|
| <b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>  |  | Docket Number (Optional) |  |
| <b>FY 2005</b><br><small>(Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).)</small> |  | YU 132                   |  |
| Application Number 09/978,333  |  | Filed October 15, 2001   |  |
| <b>For TRIPLE-HELIX FORMING OLIGONUCLEOTIDES FOR TARGETED MUTAGENESIS</b>                                  |  |                          |  |
| Art Unit 1634  |  | Examiner Carla Myers     |  |

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

|   | <u>Fee</u> | <u>Small Entity Fee</u> |          |
|---|------------|-------------------------|----------|
| <input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1)) | \$120      | \$60                    | \$ 60.00 |
| <input type="checkbox"/> Two months (37 CFR 1.17(a)(2))           | \$450      | \$225                   | \$ _____ |
| <input type="checkbox"/> Three months (37 CFR 1.17(a)(3))         | \$1020     | \$510                   | \$ _____ |
| <input type="checkbox"/> Four months (37 CFR 1.17(a)(4))          | \$1590     | \$795                   | \$ _____ |
| <input type="checkbox"/> Five months (37 CFR 1.17(a)(5))          | \$2160     | \$1080                  | \$ _____ |

☒ Applicant claims small entity status. See 37 CFR 1.27.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-3129. I have enclosed a duplicate copy of this sheet.

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the ☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).

☒ attorney or agent of record. Registration Number 31,284

☐ attorney or agent under 37 CFR 1.34.  
Registration number if acting under 37 CFR 1.34 \_\_\_\_\_

January 24, 2005

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Patria L. Pabst

404-879-2151

Typed or printed name

\_\_\_\_\_  
Telephone Number

**NOTE:** Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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YU 132 / 078245-00045

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$60.00)

**Complete If Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | 09/978,333       |
| Filing Date          | October 15, 2001 |
| First Named Inventor | Peter M. Glazer  |
| Examiner Name        | Carla Myers      |
| Art Unit             | 1634             |
| Attorney Docket No.  | YU 132           |

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-3129 Deposit Account Name: Pabst Patent Group LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description   | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent            | 50       | 25                    |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200      | 100                   |
| Multiple dependent claims   | 360      | 180                   |

**Total Claims** 17 - 25 or HP = 0 x        =        **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims** 1 - 3 or HP = 0 x        =        **Fee Paid (\$)**

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**        **Extra Sheets**        **Number of each additional 50 or fraction thereof**        **Fee (\$)**        **Fee Paid (\$)**       

       - 100 =        / 50 =        (round up to a whole number) x        =       

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: 1 month extension of time**Fees Paid (\$)**\$60.00

|                     |                        |                                |                                 |
|---------------------|------------------------|--------------------------------|---------------------------------|
| <b>SUBMITTED BY</b> |                        | Registration No. <u>31,284</u> | Telephone <u>(404) 879-2151</u> |
| Signature           | <u>[Signature]</u>     | (Attorney/Agent)               |                                 |
| Name (Print/Type)   | <u>Patrea L. Pabst</u> | Date                           | <u>January 24, 2005</u>         |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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